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ADP010810

TITLE: The Changing ARSOF Communications
Environment

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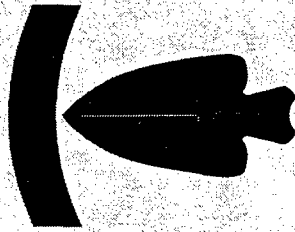
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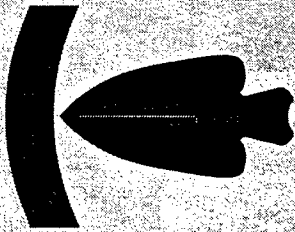
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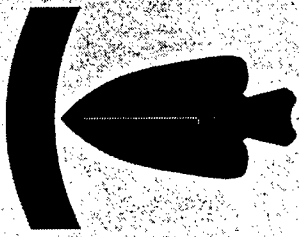
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The changing ARSOF Communications Environment

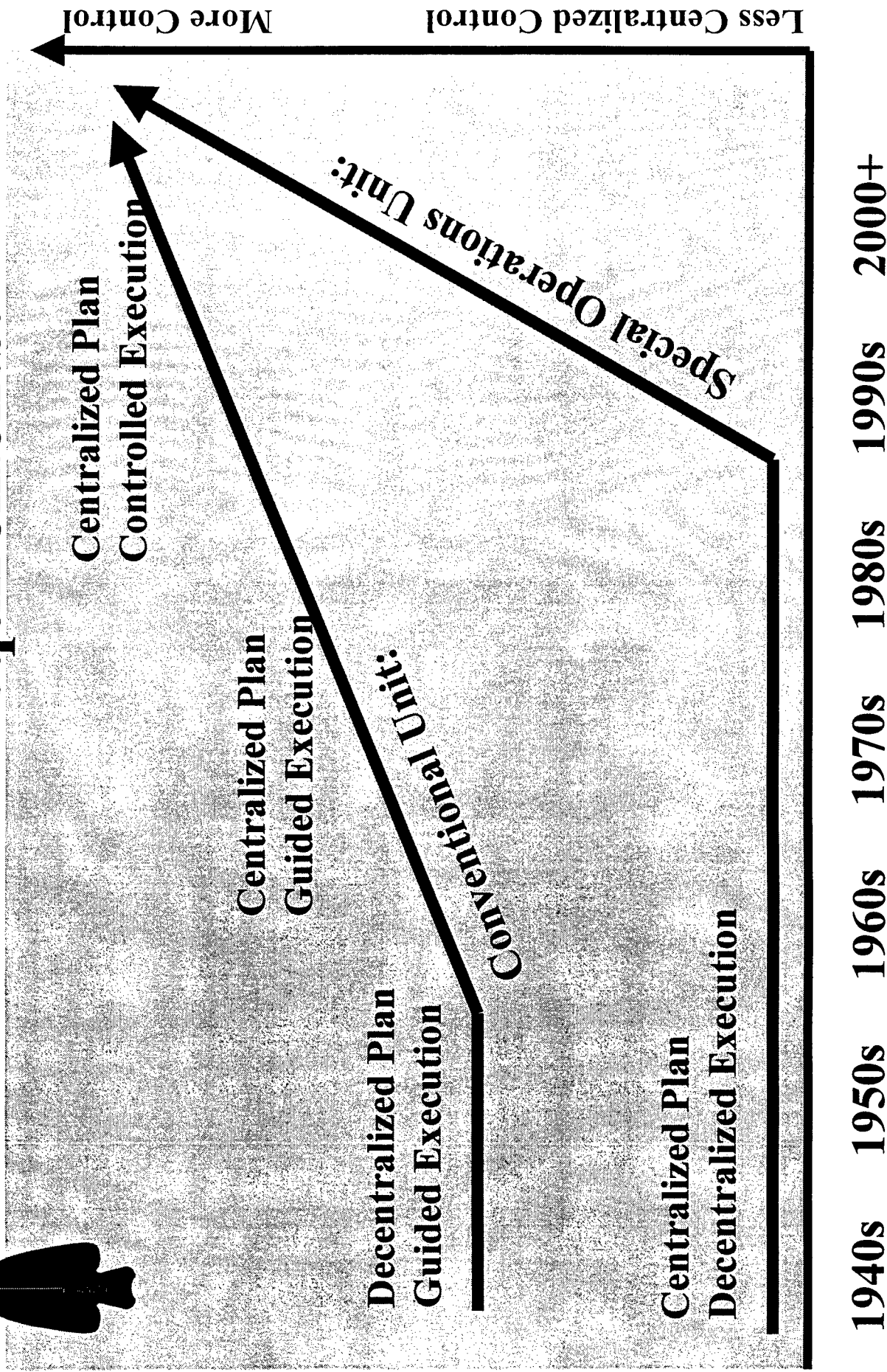


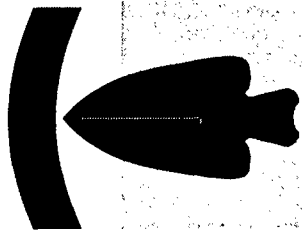
ARSOF Communications doctrine and equipment fieldings must keep pace with changing SOF mission requirements and take advantage of Service initiatives designed to accomplish similar requirements.



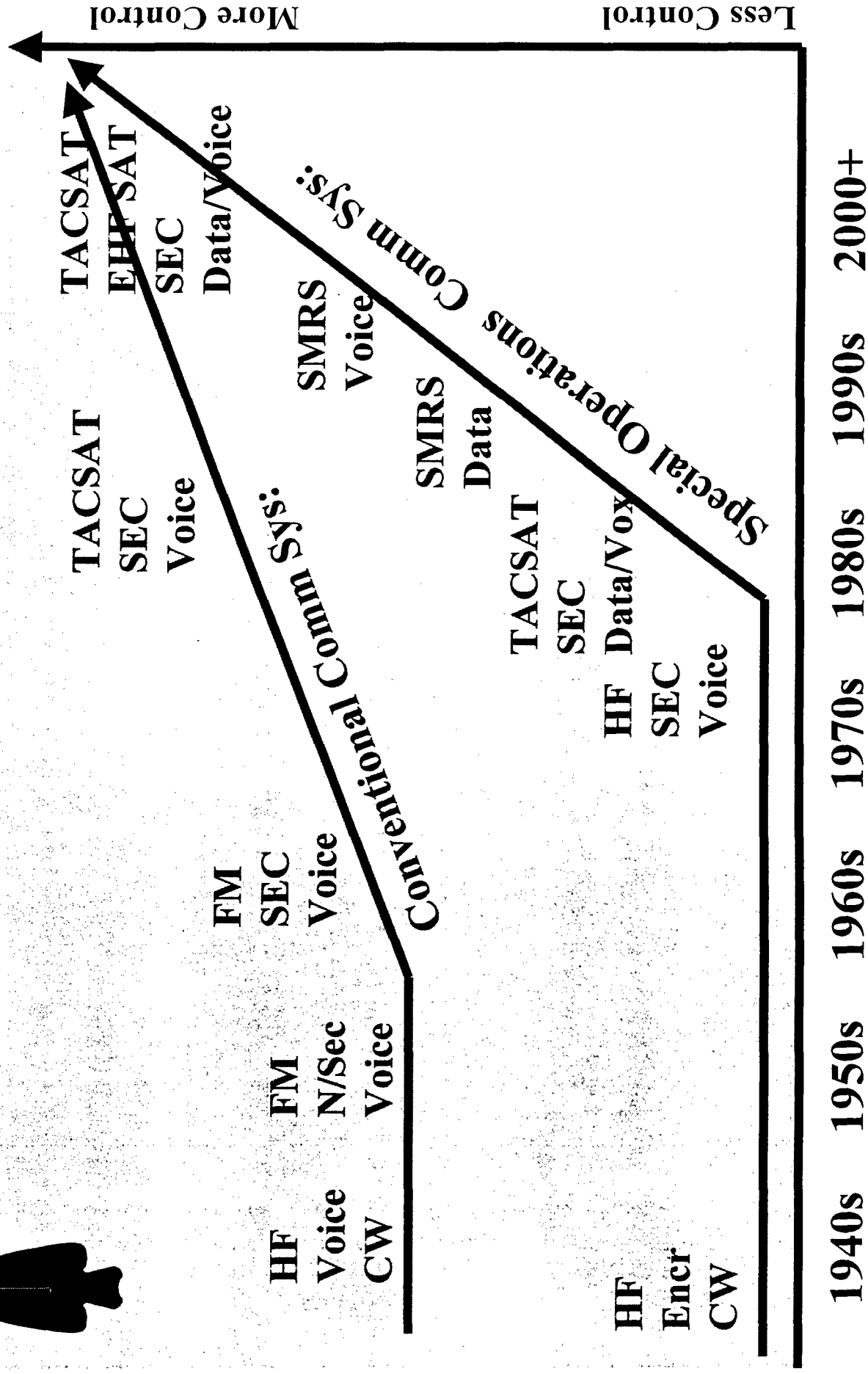
Command and control of ARSOF units has migrated from a decentralized system of scheduled contacts between the detachment on the ground and its immediate headquarters; to centralized system of instantaneous secure voice and data communications linking an increasingly smaller unit on the ground with an increasingly higher headquarters in the Chain of Command.

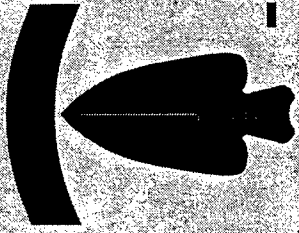
“Control” Requirements:





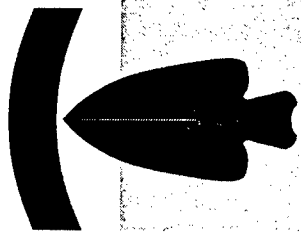
Communications Systems:



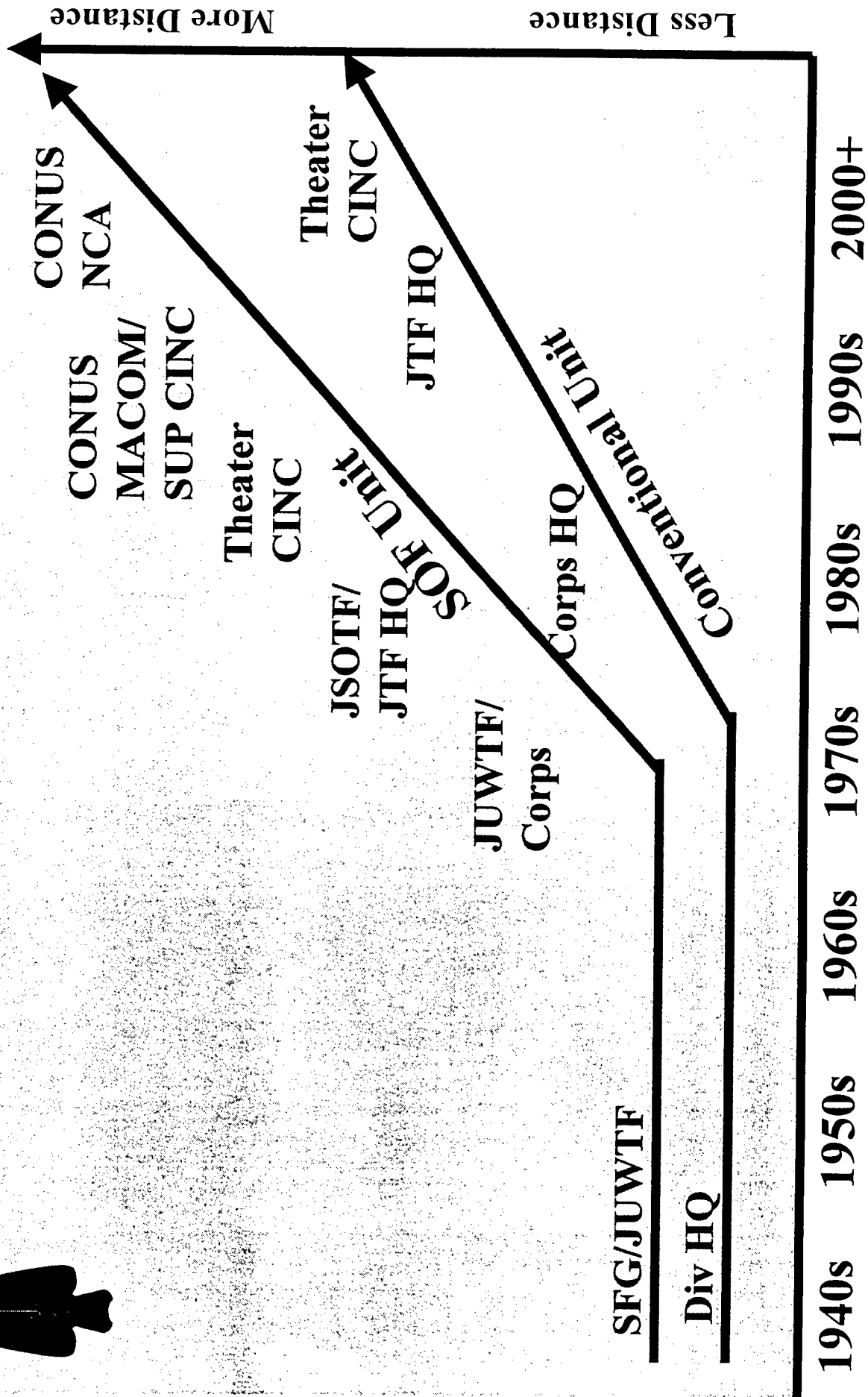


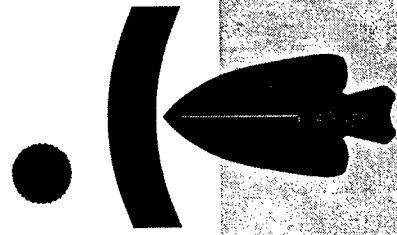
-High bandwidth reach-back systems required by ARSOF units at the battalion-level closely mirror the requirements of EAC units in the Conventional Army.

-As a result, ARSOF has an opportunity to take advantage of EAC communications initiatives programmed by the conventional Army.

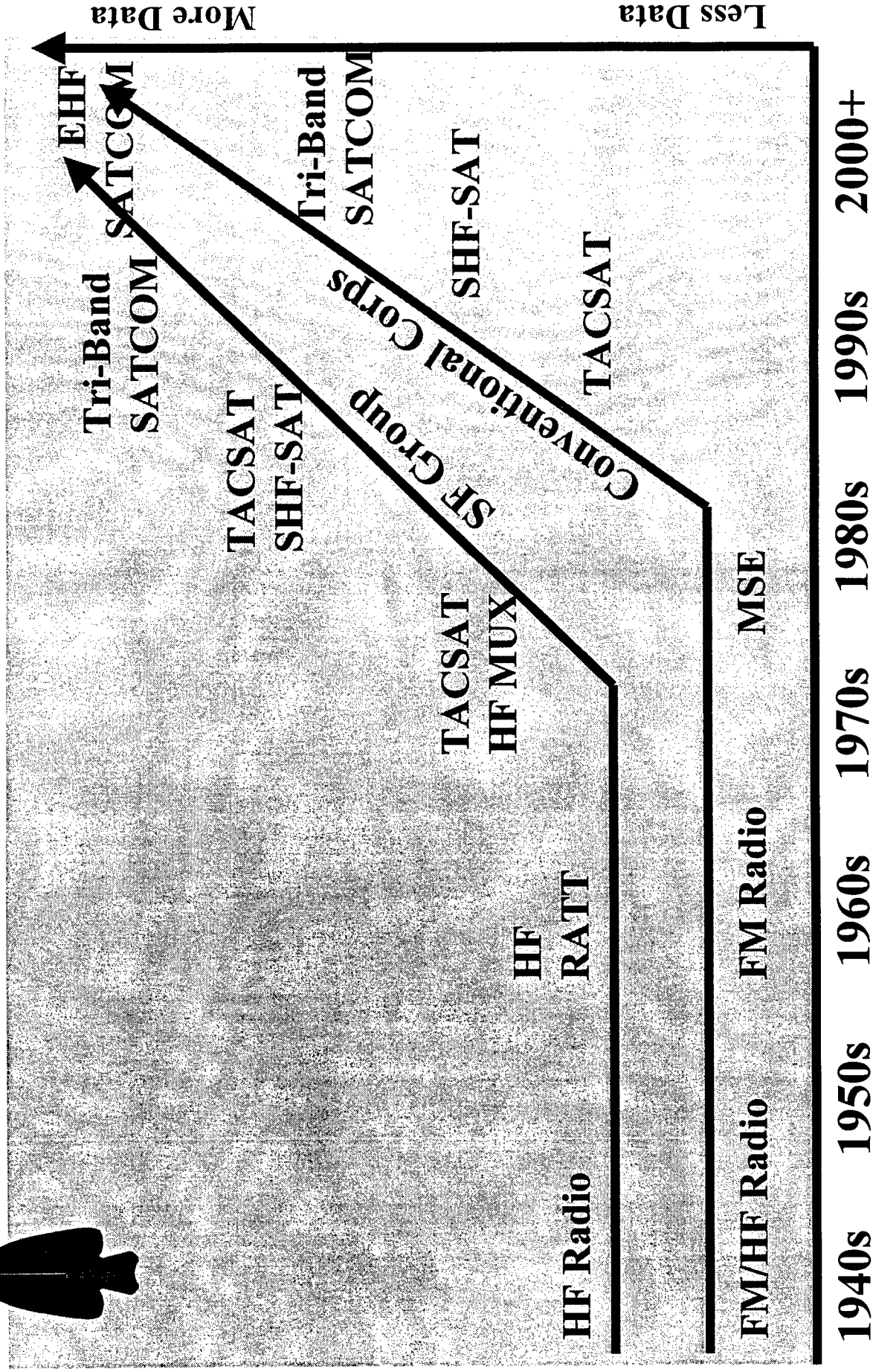


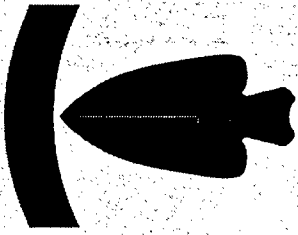
Reach-Back Requirements:





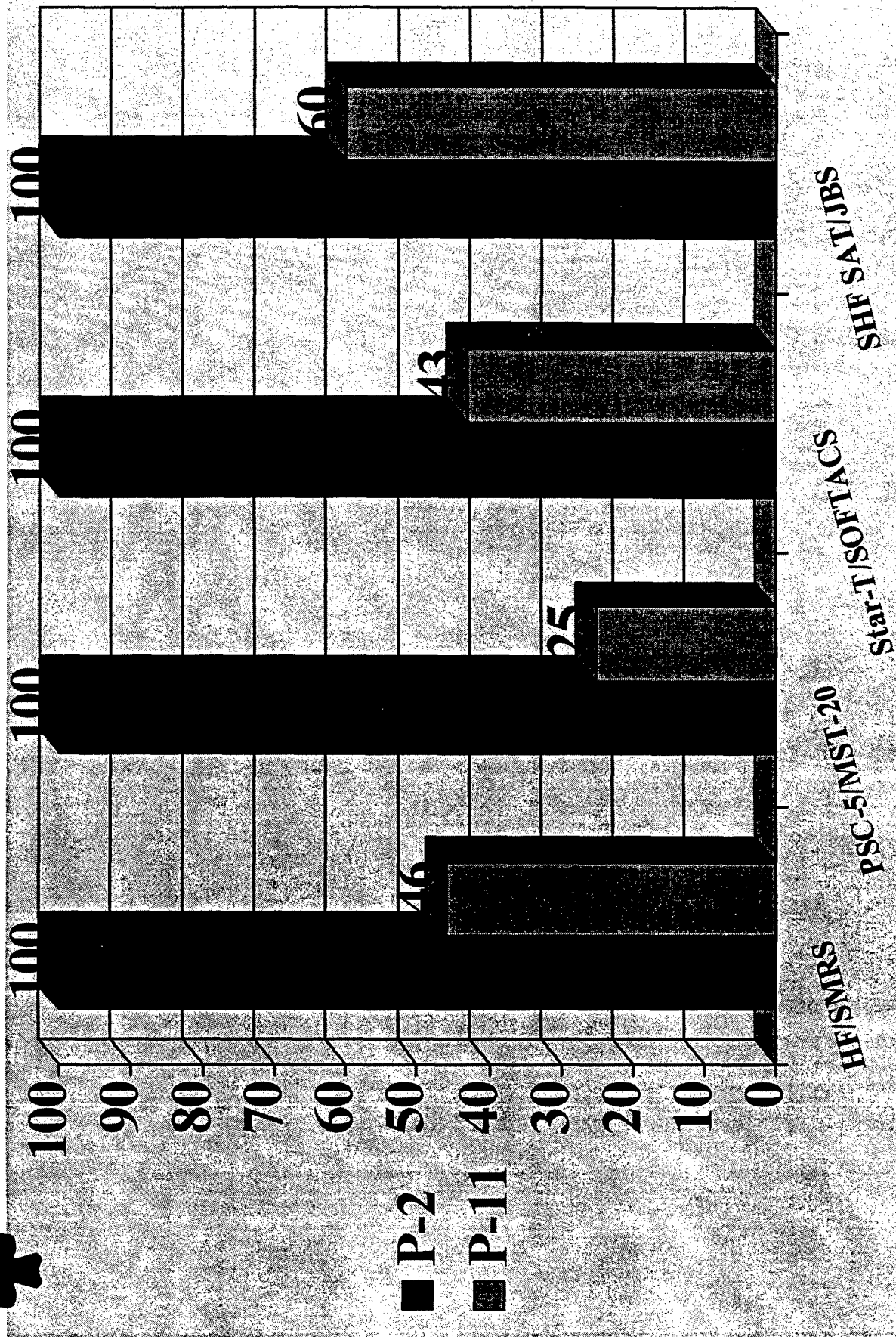
Reach-Back Data Load:

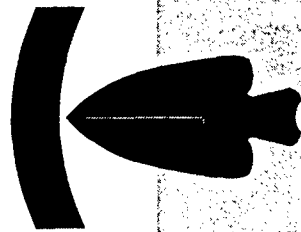




Conventional Army (P-2) funded communications programs have a better “field-to-TOE” record than SOF (P-11) programs. In most cases, SOF funded equipment is fielded at less than 50% of the MTOE requirement, while Army programs usually reach 100%.

Commo System Funding:





PSYOP System Funding:

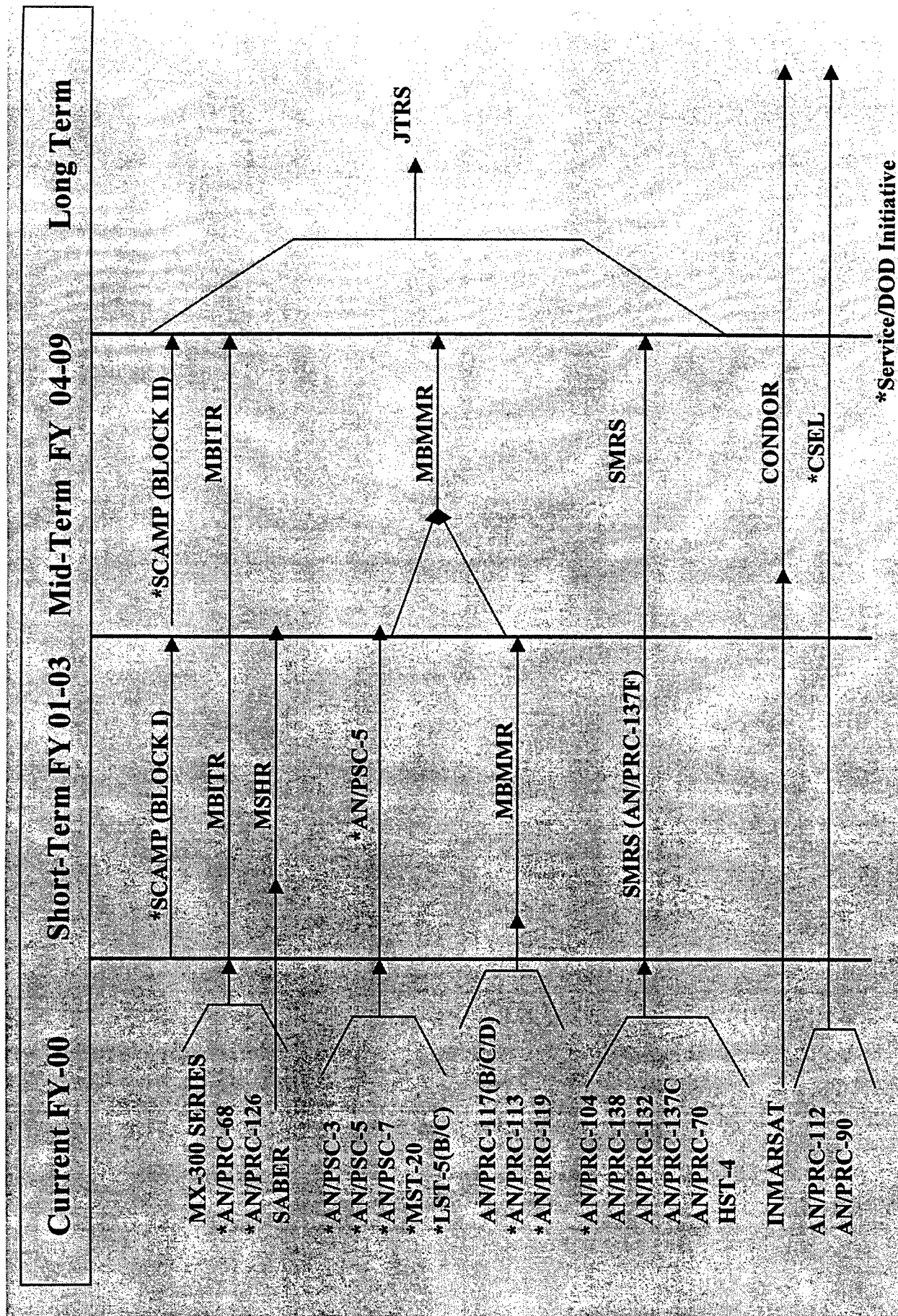
| EQUIPMENT | FY 00 | FY01 | FY02 | FY03 | FY04 | FY05 | FY06 | FY07 | TOTAL |
|----------------|-------|-------|------|------|------|-------|------|-------|--------|
| MPC | | | | | 1 | | 1,1 | | 1,1,1 |
| TMPC | 1,1 | 1 | | | | | | | 1,1,1 |
| PDS R/T | | 4,3,3 | 1 | | | 2 | | 2 | 5,5,5 |
| PDS R/O | | 3,1 | 1,1 | 2,1 | 1,1 | 4,2,1 | | 6,3,2 | 17,9,4 |
| LRB MED PWR AM | | | | 1 | | | | | 1,0,0 |
| LRB MED PWR FM | | | 1 | | | 1 | | | 1,1,0 |
| LRB MED PWR TV | | | | | | 1 | | | 1,0,0 |
| FABS AM | | 2 | 1 | 1,1 | | 2 | | | 3,3,1 |
| FABS FM | | | 2 | 1,1 | 2,1 | 1 | | 1 | 3,3,3 |
| FABS SW | | | | | 1 | 2 | 1 | 1,1 | 3,1,2 |
| FABS TV | | | | | 1 | 3,1 | 1 | 1 | 3,1,3 |

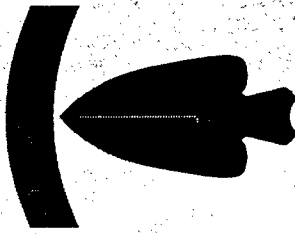
Ledgend:

BLUE = 29 MAR 00
 RED = 19 OCT 00
 BLACK = 15 NOV 00

MPC - Media Production center
 TMPC - Theater Media Production Center
 PDS - PSYOP Distribution System
 LRB - Long Range Broadcast
 FABS - Fly Away Broadcast System

RADIO SYSTEM MIGRATION





-The ARSOF community needs to rethink its communications doctrine to catch up with the reality of modern operational requirements.

-ARSOF needs to “ride the Component Service Train” wherever possible; Taking advantage of Army common solutions that fit SOF requirements.

-P-11 funds must “buy out” validated TOE requirements.